



# **Ft. Smith Terminal**

## **Emergency Response Action Plan**

Developed by:



**TECHNICAL RESPONSE PLANNING**  
CORPORATION

FIGURE 3.1-3 - NOTIFICATIONS AND TELEPHONE NUMBERS

\*24 Hour Number

FACILITY RESPONSE TEAM		
NAME/TITLE	PHONE NUMBER	RESPONSE TIME (hours)
Doug Hammer Supervisor of Operations & Maintenance Qualified Individual	(405) 670-2817 (Office) (b) (6) (Home) *(b) (6) (Mobile)	2
Rick Gregg Technician	(479) 646-1721 (Office) (b) (6) (Home) *(b) (6) (Mobile)	0.17
James Starkey Operator	(479) 646-1721 (Office) (b) (6) (Home) *(b) (6) (Mobile)	0.75
Craig Doty Operator	(b) (6) (Mobile)	0.17

Refer to **APPENDIX A, FIGURE A.2-3** for personnel training records. Refer to **FIGURE 1-1** for last date revised.



FIGURE 3.1-3 - NOTIFICATIONS AND TELEPHONE NUMBERS, CONTINUED

\*24 Hour Number

EMERGENCY RESPONSE PERSONNEL						
NAME/TITLE	PHONE NUMBER	RESPONSE TIME (hours)	RESPONSIBILITY DURING RESPONSE ACTION	RESPONSE TRAINING TYPE <sup>1</sup>		
				1	2	3
Rick Fahrenkrog Manager of Operations Qualified Individual	(918) 574-7480 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Mike Hurney Supervisor of Operations & Maintenance Qualified Individual	(918) 574-7577 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Dennis Whitfield Supervisor of Operations & Maintenance - Carthage Qualified Individual	(918) 574-7483 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Cole Ballard Area Supervisor Qualified Individual	(303) 344-1511 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Shirley Maxson Supervisor of Operations & Maintenance - El Dorado Area Qualified Individual	(316) 321-6380 Ext. 11 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Ray Hayworth Supervisor of Operations & Maintenance Qualified Individual	(918) 352-3463 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Doug Hammer Supervisor of Operations & Maintenance Qualified Individual	(405) 670-2817 (Office) (b) (6) (Home) *(Mobile)	2	Spill Management Team	x	x	x
Greg Tarr Maintenance Supervisor-KC Crew Qualified Individual	(913) 647-8422 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
Mike Orr Supervisor of Area Maintenance Qualified Individual	(918) 574-7583 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	
Alan Manke Operations Supervisor	(316) 321-6380 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
EMERGENCY RESPONSE TRAINING TYPE						
TYPE	DESCRIPTION					
1	29 CFR 1910.120 HazWoper					
2	OPA (Training Reference for Oil Spill Response) All Facility Personnel, SMT, QI Components					



FIGURE 3.1-3 - NOTIFICATIONS AND TELEPHONE NUMBERS, CONTINUED

\*24 Hour Number

EMERGENCY RESPONSE PERSONNEL						
NAME/TITLE	PHONE NUMBER	RESPONSE TIME (hours)	RESPONSIBILITY DURING RESPONSE ACTION	RESPONSE TRAINING TYPE <sup>1</sup>		
				1	2	3
Darryl Brown Operations Supervisor Qualified Individual	(918) 574-7590 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	x
John Danchertsen Safety Representative	(918) 574-7481 (Office) (b) (6) (b) (6) (Home) *(Mobile)	3	Spill Management Team	x	x	
Greg McMillan Environmental Specialist	(918) 574-7309 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	
Mark Webster Environmental Specialist	(918) 574-7728 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team	x	x	
Bruce Heine Government Affairs	(918) 574-7010 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team			x
Claudia Butler Communications Specialist	(918) 574-7208 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team			x
Paul Pratt Legal	(918) 574-7031 (Office) (b) (6) (Home) *(Mobile)		Spill Management Team			x
EMERGENCY RESPONSE TRAINING TYPE						
TYPE	DESCRIPTION					
1	29 CFR 1910.120 HazWoper					
2	OPA (Training Reference for Oil Spill Response) All Facility Personnel, SMT, QI Components					
3	Qualified Individual/Incident Command Training					

NOTE: Refer to APPENDIX A for training dates.







FIGURE 5-3 - TANK TABLE

Container/ Source	Failure/Cause	Total Capacity (gal)	Secondary Containment Volume Type (gal)	Tank Type	Year Constructed/ Installed	Quantity Stored (gal)	Direction of Flow/Rate (See Plot Plan)	Product Stored
<b>ABOVEGROUND CONTAINERS - Total: 8,277,921</b>								
1445	Leak/Failure	844,080	2,326,800 gal/1	C/F/W	1954	565,534	Instantaneous	Distillate
1446	Leak/Failure	1,265,565	2,389,380 gal/1	C/F/W	1954	8,479,286	Instantaneous	Gasoline
1447	Leak/Failure	1,265,300	1,549,800 gal/1	C/F/W	1954	847,751	Instantaneous	Distillate
1448	Leak/Failure	1,370,880	2,389,380 gal/1	C/F/W	1966	918,490	Instantaneous	Gasoline
1449	Leak/Failure	1,371,180	1,726,200 gal/1	C/F/W	1966	918,691	Instantaneous	Gasoline
1450	Leak/Failure	1,263,570	2,389,380 gal/1	C/F/W	1978	846,592	Instantaneous	Gasoline
345	Leak/Failure	42,336	*	C/F/W	1954	27,510	Instantaneous	Contact Water
537	Leak/Failure	427,400	806,400 gal/1	C/FX/W	1954	286,358	Instantaneous	Distillate
538	Leak/Failure	427,310	806,400 gal/1	C/FX/W	1954	286,298	Instantaneous	Distillate
Diesel	Leak/Failure	150	14,801 gal/2	H/FX/W	2000	137	Instantaneous	Distillate
Gasoline	Leak/Failure	150	14,801 gal/2	H/FX/W	2000	137	Instantaneous	Gasoline
<b>ADDITIVE CONTAINERS - Total: 36,250</b>								
377-100	Leak/Failure	6,000	14,801 gal/2	H/FX/W	-	3,900	Instantaneous	Additive
377-110	Leak/Failure	6,000	14,801 gal/2	H/FX/W	-	3,900	Instantaneous	Additive
377-120	Leak/Failure	2,000	14,801 gal/2	V/FX/W	-	1,300	Instantaneous	Additive
377-130	Leak/Failure	12,000	14,801 gal/2	H/FX/W	-	7,800	Instantaneous	Additive
377-133	Leak/Failure	250	14,801 gal/2	H/FX/W	-	200	Instantaneous	Additive
377-134	Leak/Failure	2,000	14,801 gal/2	H/FX/W	-	1,300	Instantaneous	Additive
Lubricity Tank	Leak/Rupture	8,000	14,801 gal/2	H/FX/W	2005	8,000	Instantaneous	Lubricity Additive
<b>BURIED METALLIC STORAGE TANKS - Total: 4,998</b>								
Oil/Water Separator	Leak/Failure	4,998	4,998 gal/5	H/FX/W	1997	3,249	Instantaneous	Water
<b>DRUM STORAGE AREA - Total: 550</b>								
Drum Storage	Leak/Failure	550	4,352 gal/2	N/A	-	220	Instantaneous	Varies

Note: There are no underground storage tanks or surface impoundments located at this Facility.

\* Not in Containment Area \*\* Curbing and containment system

**Containment Type:** 1-Earthen Berm and Floor, 2-Concrete Berm and Floor, 3-Metal Berm and Floor, 4-Portable Containment or Inside Building, 5-Double Walled

**Tank / Roof Type:** C =Conical or Cone, D = Dome, H = Horizontal, L = Lifter, S = Spheroid, V = Vertical, G = Geodesic,  
Fx = Fixed, F = Floating, W = Welded, R = Riveted



FIGURE 5-3 - TANK TABLE , CONTINUED

Container/ Source	Failure/Cause	Total Capacity (gal)	Secondary Containment Volume Type (gal)	Tank Type	Year Constructed/ Installed	Quantity Stored (gal)	Direction of Flow/Rate (See Plot Plan)	Product Stored
<b>MISCELLANEOUS - Total: 10,000</b>								
Terminal Piping	Corrosion	Varies	See Plot Plan	N/A	1954	N/A	Instantaneous	Varies
Truck Rack	Overfill	9,000	47,334 gal/**	N/A	1954	N/A	Instantaneous	Varies
Prover	Leak/Failure	1,000	1,700/*	V/FX/W	-	Varies	Instantaneous	Gasoline
<b>Facility Total: 8,329,719</b>								

Note: There are no underground storage tanks or surface impoundments located at this Facility.

\* Not in Containment Area \*\* Curbing and containment system

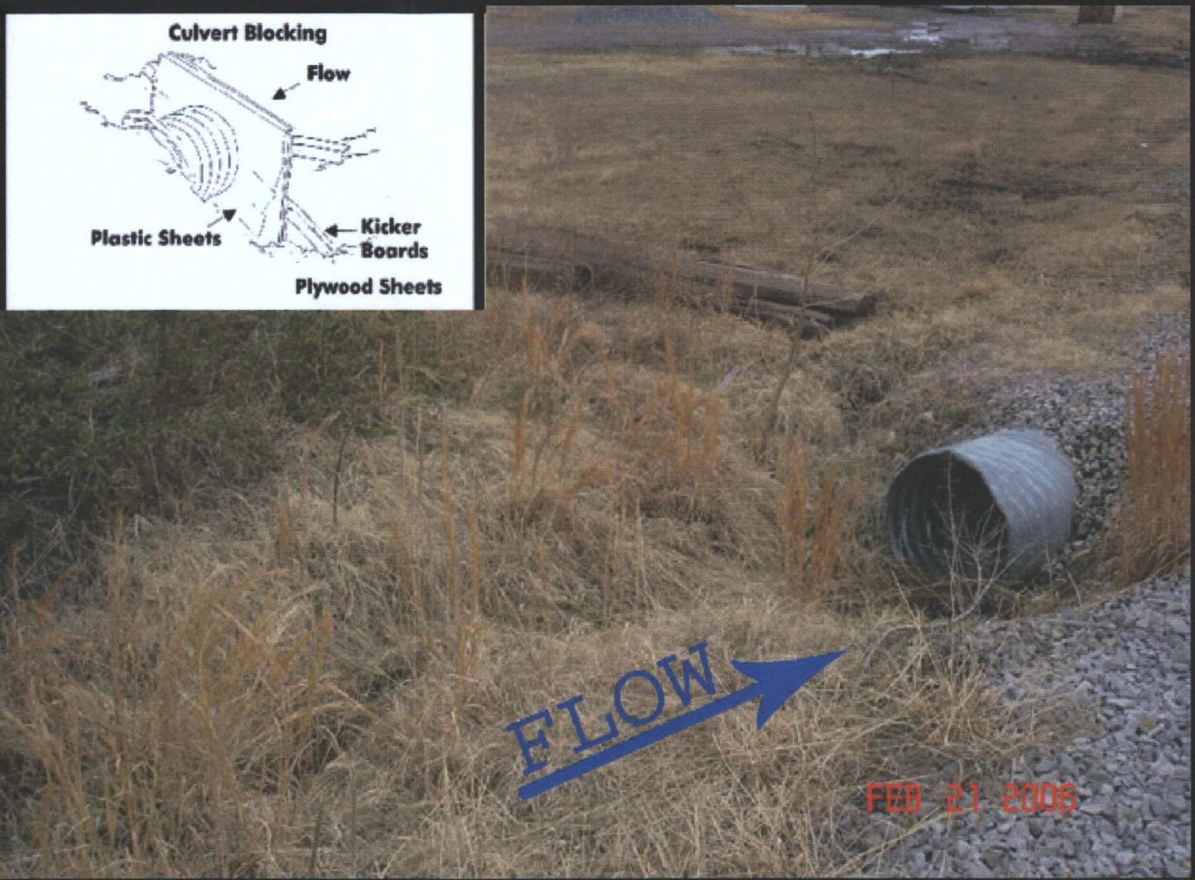
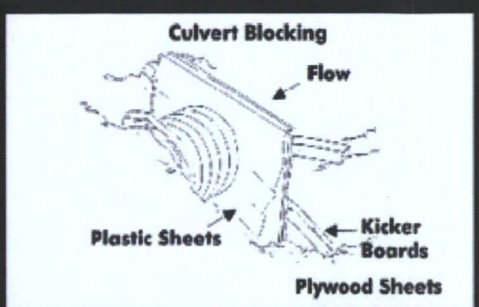
**Containment Type:** 1-Earthen Berm and Floor, 2-Concrete Berm and Floor, 3-Metal Berm and Floor,  
4-Portable Containment or Inside Building, 5-Double Walled

**Tank / Roof Type:** C =Conical or Cone, D = Dome, H = Horizontal, L = Lifter, S = Spheroid, V = Vertical, G = Geodesic,  
Fx = Fixed, F = Floating, W = Welded, R = Riveted

## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 1





**RESPONSE STRATEGY**

**Latitude/Longitude:** N 35° 18' 28"/ W 94° 23' 43"

**Location:** Sebastian County, Fort Smith, AR

**Water Way:** Sheet flow south to drainage ditch at southeast corner of terminal

**Owner:** Magellan

**Distance from Spill Source:** 500 feet

**Map Reference:** USGS South Fort Smith Quadrangle

**Response Objective:** Containment and Recovery

**Response Tactic: - Normal Conditions**

An existing drainage ditch is located southeast of the visitor parking area near the entrance gate of the terminal. This ditch drains storm water from paved areas on the southeast side of the loading rack and areas surrounding the piping manifold. In the event of a small spill on or near the southeast side of the loading rack, the spill would sheet flow over the pavement into storm water control structures leading to the offsite drainage ditch. Seal off flow to the offsite culvert by placing a pre-cut sheet of plywood against the culvert, blocking flow. Secure plywood in place using the stakes and sandbags, cover containment area with poly sheeting secured with sandbags and/or stakes. Place sorbent pads near the downstream culvert opening to absorb any oil leaking through the blocked culvert inlet.

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**

From I-540 West take exit #12 to US-71 South.  
Make left onto US-71 South heading south and drive 0.7 miles.  
Make a U-turn at Grinnell Ave., Planters Rd onto US-71  
Arrive at facility at 8101 Highway 71 South  
Site 1 is located in the area just south/southeast of the visitor's parking area near the drainage ditch located outside of the fenced terminal.

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
1	1	Vac Truck(s)
6	6	Stake(s)
2	2	Sledge hammer(s)
1 bale	1 bale	Sorbent pad(s)
2 rolls	2 rolls	Poly Sheeting
1	1	Cell Phone(s)
3	3	Portable Radios(s)
1	1	Pre-cut plywood sheet to fit ditch and block 24-inch diameter culvert
8	8	Sandbags

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
		Boat Operator(s)
		Equipment Operator(s)
2	2	Laborer(s)
1	1	Supervisor(s)
1	1	Vac Truck Operator(s)

**Watercourse Description:** Drainage ditch (6-feet wide, 2-feet deep) leading to a 24-inch diameter galvanized steel culvert.

**Description of Worksite:** Industrial and commercial area, moderate traffic.

**Critical Response Information:** Air monitoring and PPE per site safety plan.

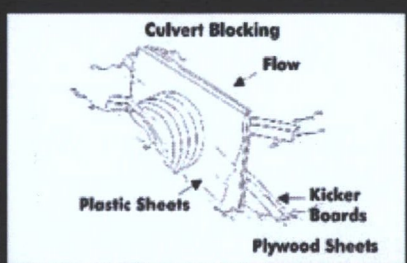
Date Last Revised: September 18, 2006



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\) 2](#)





**RESPONSE STRATEGY**

**Latitude/Longitude:** N 35° 18' 36" / W 94° 23' 43"

**Location:** Sebastian County, Fort Smith, AR

**Water Way:** Flow through French drain system in gravel area on west side of loading rack and via sheet flow over pavement into drainage ditch north of the loading rack.

**Owner:** Magellan

**Distance from Spill Source:** 300 feet

**Map Reference:** USGS South Fort Smith Quadrangle

**Response Objective:** Containment and Recovery

**Response Tactic: - Normal Conditions**

An existing small drainage ditch and metal culvert is located north of the contact water tank. This ditch drains storm water from paved areas on the northwest side of the loading rack and from the gravel area located west of the rack. In the event of a small spill on or near the northwest side of the loading rack, the spill would either sheet flow over the pavement or flow through the French drain system to the north and eventually through the 12-inch steel culvert that runs beneath the gravel road.

Seal off flow through the culvert by placing a pre-cut sheet of plywood against the culvert, blocking flow. Secure plywood in place using the stakes and sandbags, cover containment area with poly sheeting secured with sandbags and/or stakes. Place sorbent pads near the downstream culvert opening to absorb any oil leaking through the blocked culvert inlet.

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**

From I-540 West take exit #12 to US-71 South.  
Make left onto US-71 South heading south and drive 0.7 miles.  
Make a U-turn at Grinnell Ave., Planters Rd onto US-71  
Arrive at facility at 8101 Highway 71 South  
Site 2 is the 12-inch diameter steel culvert that flows underneath the gravel road that runs parallel to the north containment dikes at the terminal. The culvert is located in the area north of the terminal loading rack and just north of the contact water tank. The culvert directs flow toward a pond in the wetland area north of the terminal.

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
1	1	Vac Truck(s)
4	4	Stake(s)
1	1	Sledge hammer(s)
1 bale	1 bale	Sorbent pad(s)
1 roll	1 roll	Poly Sheeting
1	1	Cell Phone(s)
2	2	Portable Radios(s)
1	1	Pre-cut plywood sheet to fit ditch and block 12-inch diameter culvert
4	4	Sandbags

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
		Boat Operator(s)
		Equipment Operator(s)
1	1	Laborer(s)
1	1	Supervisor(s)
1	1	Vac Truck Operator(s)

**Watercourse Description:** Drainage ditch (3-feet wide, 1.2-feet deep) leading to a 12-inch diameter steel culvert.

**Description of Worksite:** Industrial and commercial area, moderate traffic.

**Critical Response Information:** Air monitoring and PPE per site safety plan.

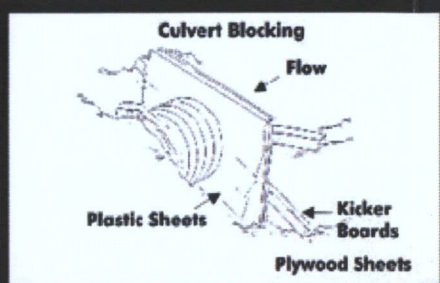
Date Last Revised: September 18, 2006



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 3





**RESPONSE STRATEGY**

**Latitude/Longitude:** N 35° 18' 38" / W 94° 43' 27"

**Location:** Sebastian County, Fort Smith, AR

**Water Way:** Sheet flow leading to drainage ditch along north side of north terminal entrance

**Owner:** Magellan

**Distance from Spill Source:** 600 feet

**Map Reference:** USGS South Fort Smith Quadrangle

**Response Objective:** Containment and Recovery

**Response Tactic: - Normal Conditions**

An existing drainage ditch is located along the north entrance road to the terminal. This ditch drains storm water from portions of the paved areas on the northwest side of the loading rack. In the event of a small spill on or near the northwest side of the loading rack, portions of the spill would sheet flow over the pavement to the northwest where flow would be intercepted by the north drainage ditch that runs along the entrance road. Flow would eventually enter a concrete culvert prior to flowing to the pond in the wetland area north of the terminal. Seal off flow through the culvert by placing a pre-cut sheet of plywood against the culvert, blocking flow. Secure plywood in place using the stakes and sandbags, cover containment area with poly sheeting secured with sandbags and/or stakes. Place sorbent pads near the downstream culvert opening to absorb any oil leaking through the blocked culvert inlet.

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**

From I-540 West take exit #12 to US-71 South.  
Make left onto US-71 South heading south and drive 0.7 miles.  
Make a U-turn at Grinnell Ave., Planters Rd onto US-71  
Arrive at facility at 8101 Highway 71 South  
Site 3 is the 15-inch diameter concrete culvert that flows parallel to and along the northeast side of the north entrance road to the terminal. The culvert directs flow toward a pond in the wetland area north of the terminal.

February 2005

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RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
1	1	Vac Truck(s)
6	6	Stake(s)
1	1	Sledge hammer(s)
1 bale	1 bale	Sorbent pad(s)
1	1	Cell Phone(s)
2	2	Portable Radios(s)
1	1	Pre-cut plywood sheet to fit ditch and block 15-inch diameter culvert
6	6	Sandbags
1 roll	1 roll	Poly Sheeting

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
		Boat Operator(s)
		Equipment Operator(s)
1	1	Laborer(s)
1	1	Supervisor(s)
1	1	Vac Truck Operator(s)

**Watercourse Description:** Drainage ditch (3.5-feet wide, 2-feet deep) leading to a 15-inch concrete culvert.

**Description of Worksite:** Industrial and commercial area, moderate traffic.

**Critical Response Information:** Air monitoring and PPE per site safety plan.

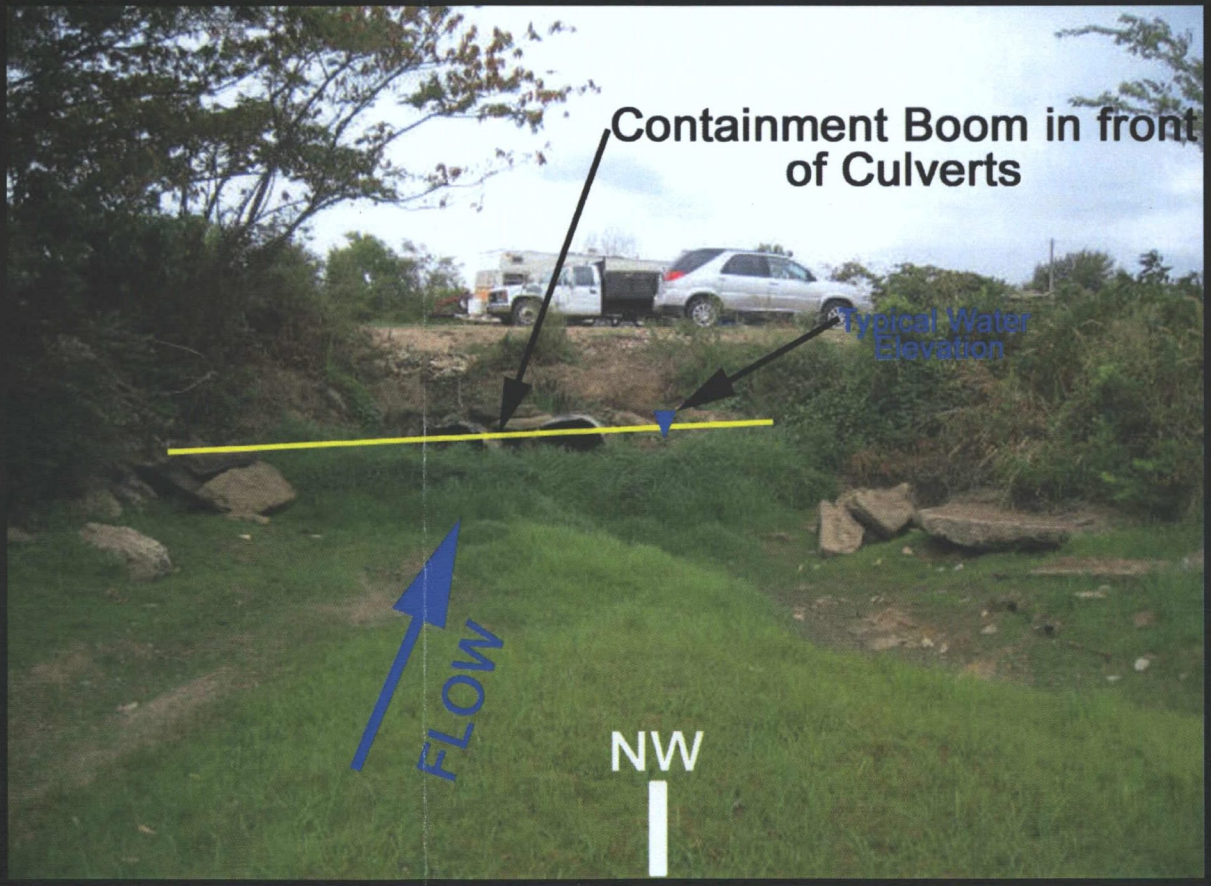
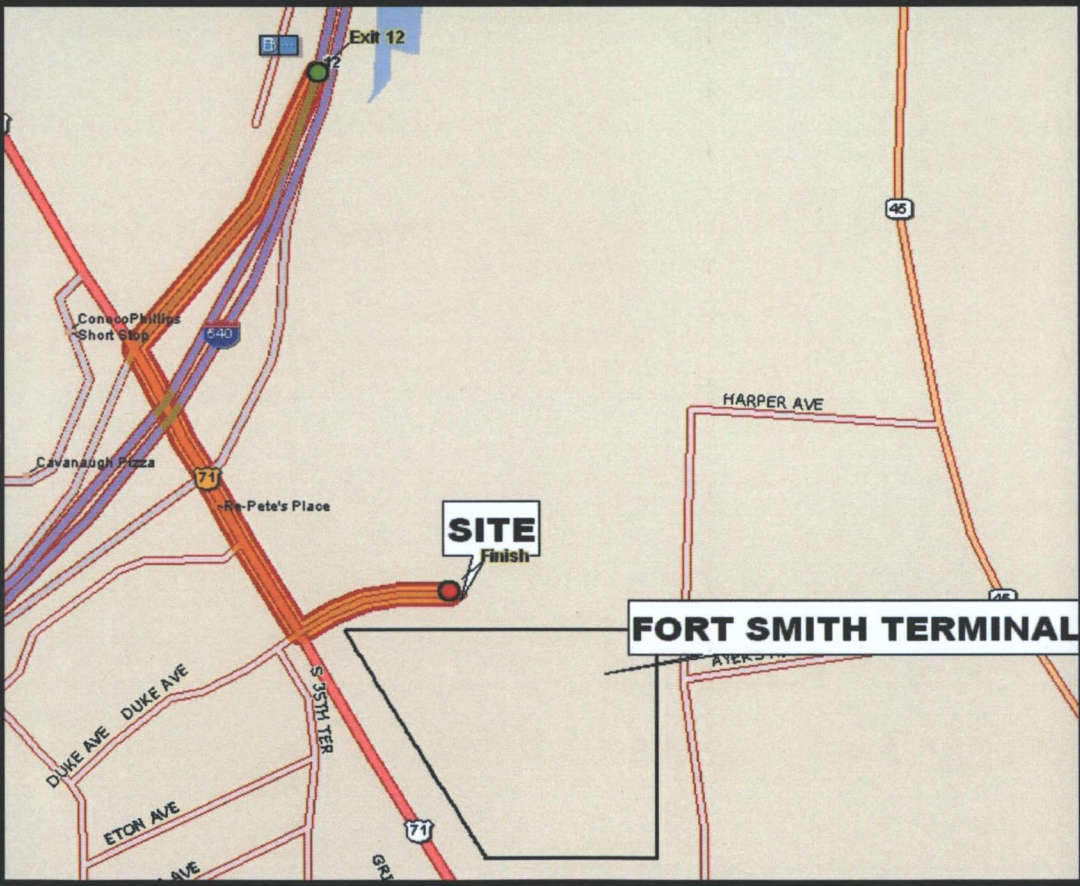
Date Last Revised: September 18, 2006



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 4





RESPONSE STRATEGY

Latitude/Longitude: N 35° 18' 36"/ W 94° 23' 39"

Location: Sebastian County, Fort Smith, AR

Water Way: Mill Creek

Owner: TBD

Distance from Spill Source: 1000 Feet

Map Reference: South Fort Smith

Response Objective: Containment and Recovery

Response Tactic: - Normal Conditions

Deploy segments of 10" or larger containment boom in front of culverts to divert product to area where skimming operations can be performed. Back containment boom with sorbents to collect additional product. Place additional sorbents on down stream side of culverts to collect any residual product that passes recovery point. Utilize miniboom to sweep oil into skimmers.

Watercourse Description: Two 48" diameter culverts that serve as an overflow outlet for pond located to the North West of the site. Drainage joins to Mill Creek down stream.

Description of Worksite: Work site is located on adjacent property to the North West of the terminal that serves as a provider of decorative stone work. Setup would be in an open area above the culverts. Minimal traffic is present.

Critical Response Information: Air monitoring and PPE per site safety plan. Remain clear of culvert inlets during high flow conditions.

Date Last Revised: October 9, 2006

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**

From 1-540 W exit onto US 71 (Highway 71 S) ramp at exit 12. Turn left (south/south east) onto US 71 and proceed 0.31 miles. Turn left into adjacent property and proceed to tactical site approximately 0.62 miles North East of US 71.

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
2 rolls		Poly Sheeting
4		Cell Phone(s)
300 ft		Containment Boom (Miniboom)
300 ft		Containment Boom (10" or larger)
1		Vac Truck(s)
1		Frac Tank(s)
1		Skimmer(s) - (Suction, Weir, Oleophilic)
4		Shovels
150 ft		3/8" Polypropylene Line
400 ft		Sorbent Boom
12		Stake(s)
6 bales		Sorbent pad(s)
2		Port-o-let(s)
4		Portable Radios(s)

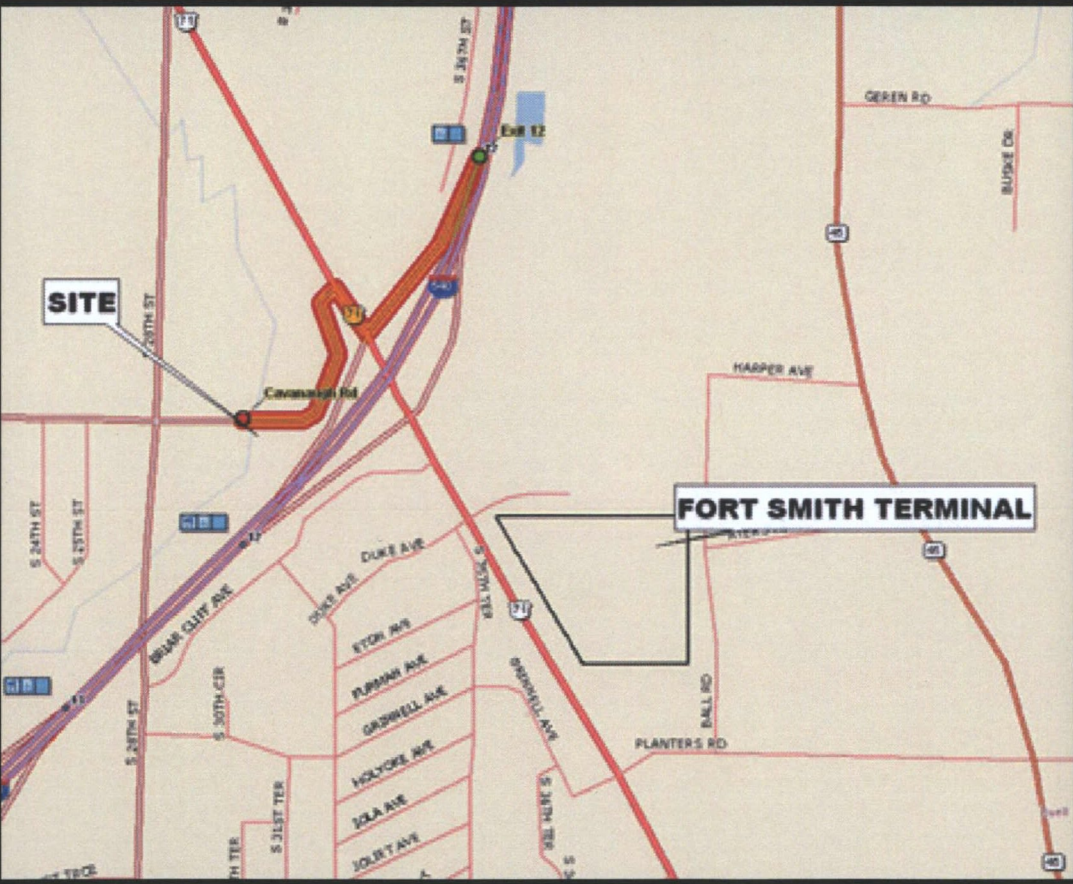
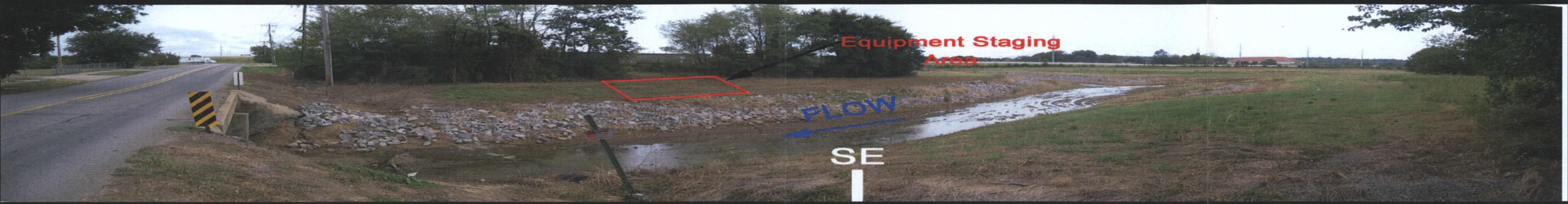
RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
4		Laborer(s)
1		Supervisor(s)
1		Vac Truck Operator(s)



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 5





**RESPONSE STRATEGY**

**Latitude/Longitude:** N 35° 18' 40"/ W 29° 24' 08"

**Location:** Sebastian County, Fort Smith, AR

**Water Way:** Mill Creek

**Owner:** TBD

**Distance from Spill Source:** 3,000 FT

**Map Reference:** South Fort Smith

**Response Objective:** Containment and Recovery

**Response Tactic: - Normal Conditions**  
Deploy segments of containment boom across Mill Creek using shoreline anchoring technique to divert product to the right bank, where skimming operations can be performed. Back containment boom with sorbents on right bank for additional collection. For high flow conditions, add successive strings of containment boom, or relocate containment boom upstream as appropriate.

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**  
From I-540 W, exit onto US 71 (Highway 71 S) ramp at exit 12. Turn right (north / north west) on US 71 S and proceed 0.31 miles to Cavanaugh Road. Turn left (south west) onto Cavanaugh Road and proceed for 0.40 miles to work site at bridge crossing Mill Creek.

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
300 ft		Containment Boom
400 ft		Sorbent Boom
1		Vac Truck(s)
1		Frac Tank(s)
1		Skimmer(s) - (Suction, Weir, Oleophilic)
150 ft		3/8" Polypropylene Line
12		Stake(s)
4		Sledge hammer(s)
6 bales		Sorbent pad(s)
3 cases		85 gallon drum liners
2 rolls		Poly Sheeting
2		Cell Phone(s)
4		Portable Radios(s)
1		Light tower(s)

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
4		Laborer(s)
1		Supervisor(s)
1		Vac Truck Operator(s)

**Watercourse Description:** Creek 20 ft wide, mud and rock banks and bottom, 0-1 ft deep, current 0-2 mph.

**Description of Worksite:** Bridge located on 2 lane road, equipment staging area located on south east bank of creek

**Critical Response Information:** Air monitoring and PPE per Site Safety Plan

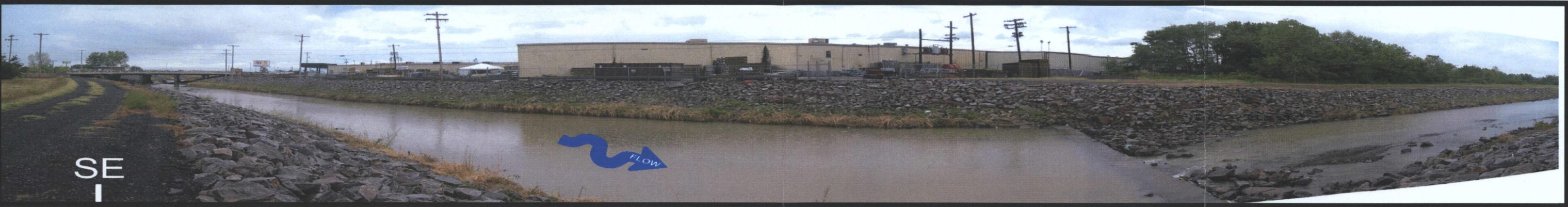
Date Last Revised: October 4, 2006



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 6





**RESPONSE STRATEGY**

**Latitude/Longitude:** N 35° 19' 51"/ W 94° 24' 54"

**Location:** Sebastian County, Fort Smith, AR

**Water Way:** Mill Creek

**Owner:** TBD

**Distance from Spill Source:** 2.1 miles

**Map Reference:** South Fort Smith

**Response Objective:** Containment and Recovery

**Response Tactic: - Normal Conditions**  
Deploy segments of containment boom across Mill Creek using shoreline anchoring technique to divert product to left (north) bank, where skimming operations can be performed. Back containment boom with sorbents for additional recovery.

**Watercourse Description:** Creek, 25 feet wide, mud and rock banks and bottom, 0-2 feet, current 0-3 mph.

**Description of Worksite:** Gravel service road along north bank of Mill Creek. Residential housing area located to the north of work site. Traffic is minimal.


**Critical Response Information:** Air monitoring and PPE per Site Safety Plan

Date Last Revised: October 4, 2006

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**

From I 540 W exit onto SR 255(Zero St) ramp exit 11 heading (south / south west). Turn right (west) onto SR 255 (Zero St) proceed on SR 255 (Zero St) for 1.09 miles. Turn right (north) onto Jenny Lind Road and proceed for 0.2 miles on Jenny Lind Road, Turn Left (west) onto service road after crossing bridge over Mill Creek. Proceed for .08 miles to work site.



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RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
300 FT		Containment Boom
200 ft		Sorbent Boom
1		Vac Truck(s)
1		Frac Tank(s)
1		Skimmer(s) - (Suction, Weir, Oleophilic)
150		3/8" Polypropylene Line
12		Stake(s)
4		Sledge hammer(s)
6 bales		Sorbent pad(s)
2 cases		85 gallon drum liners
2 rolls		Poly Sheeting
2		Cell Phone(s)
4		Portable Radios(s)
2		Light tower(s)

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
2		Port-o-let(s)
4		Shovels

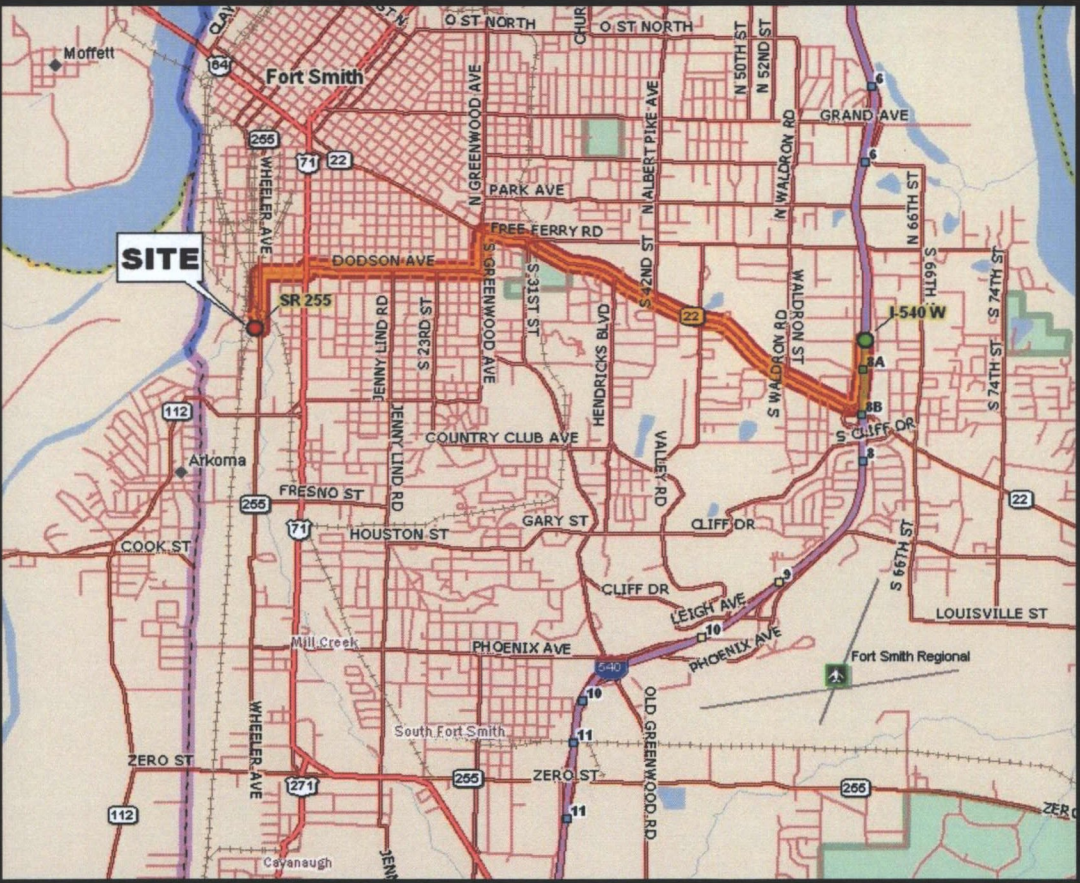
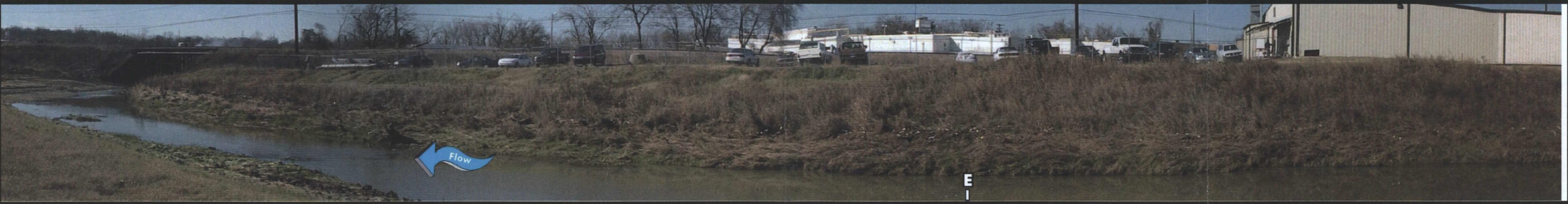
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
4		Laborer(s)
1		Supervisor(s)
1		Vac Truck Operator(s)



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 7





RESPONSE STRATEGY

Latitude/Longitude: N 35° 22' 02"/ W 94° 25' 36"

Location: Sebastian County, Fort Smith, AR

Water Way: Mill Creek

Owner: TBD

Distance from Spill Source: 6 miles

Map Reference: South Fort Smith

Response Objective: Containment and Recovery

Response Tactic: - Normal Conditions

Deploy segments of containment boom across Mill Creek using shoreline anchoring technique to divert product to the left descending bank, where skimming operations can be performed. Deploy containment boom backed with sorbent boom downstream of collection point as backup boom.

**LEGEND**      Origin ●      Destination ●

**DRIVING DIRECTIONS**

From I-540 W take exit 8A on to SR 22 (Rogers Ave) ramp, keep right (west / north west) for 2.4 miles. Turn left (south) on to S Greenwood Ave for 0.25 miles, then turn right (west) on to Dodson Ave. Turn left (south) on to US 71, then right (west) on to Dodson Ave. Turn left (south) on to SR 255 (Wheeler Ave), continue for 0.34 miles until crossing over Mill Creek.

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
100 ft		Containment Boom
200 ft		Sorbent Boom
1		Vac Truck(s)
1		Frac Tank(s)
1		Work Boat(s)
1		Skimmer(s) - (Suction, Weir, Oleophilic)
200 ft		3/8" Polypropylene Line
8		Stake(s)
2		Sledge hammer(s)
6 bales		Sorbent pad(s)
3 case		85 gallon drum liners
3 rolls		Poly Sheeting
1		Cell Phone(s)
2		Portable Radios(s)

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
1		Light tower(s)
2		Port-o-let(s)

RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
1		Supervisor(s)
1		Vac Truck Operator(s)
1		Boat Operator(s)
4		Laborer(s)

**Watercourse Description:** Creek, 25 ft wide, mud and rock banks and bottom, 0-2 ft deep, current 0-2 mph.

**Description of Worksite:** Industrial area, multi-lane paved road access, heavy traffic.

**Critical Response Information:** Air monitoring and PPE per Site Safety Plan.

Date Last Revised: October 9, 2006



## 7.0 TACTICAL PLANS

[\(Click here for Tactical Plans\)](#) 8





RESPONSE STRATEGY

Latitude/Longitude: N 35° 25' 52" / W 94° 22' 12"

Location: Sebastian County, Fort Smith, AR

Water Way: Arkansas River

Owner: TBD

Distance from Spill Source: 12-15 miles

Map Reference: Van Buren

Response Objective: Containment and Recovery

Response Tactic: - Normal Conditions  
Utilize open water recovery techniques. Deploy two crews, each with two boats and 350 ft of containment boom to protect Arkansas River. Prepare crews on shore to recover incoming product. Conduct aerial observation to update crews on movement of product.

LEGEND      Origin ●      Destination ●

**DRIVING DIRECTIONS**  
From I-40 E take exit 5 on to SR 59 (N Highway 59) ramp heading east / south east. Continue on SR 59 for 2.08 miles and take left (east / north east) on to Knox St. Turn right (south east) on to S 8th ST. then another right (west / south west) on to US 64 (Broadway St). Turn right (north west) onto Clayton Expy (SR 255) for 0.47 miles and turn right (north east) into Fort Smith Public Use Area.

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
1000 ft		Containment Boom
1		Vac Truck(s)
1		Frac Tank(s)
4		Work Boat(s)
1		Skimmer(s) - (Suction, Weir, Oleophilic)
12 bales		Sorbent pad(s)
2 cases		85 gallon drum liners
1		Cell Phone(s)
6		Portable Radios(s)
1		Light tower(s)
3		Port-o-let(s)

RECOMMENDED EQUIPMENT		
WCD	SMALL	DESCRIPTION
RECOMMENDED PERSONNEL		
WCD	SMALL	DESCRIPTION
1		Supervisor(s)
1		Vac Truck Operator(s)
4		Boat Operator(s)
8		Laborer(s)

Watercourse Description: River, 3600 - 4500 ft wide, mud and rock banks and bottom, 10-30 ft deep, current >5 mph.

Description of Worksite: Rural area, multi-lane paved road access, moderate traffic.

Critical Response Information: Air monitoring and PPE per Site Safety Plan.

Date Last Revised: September 18, 2006